

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7391	271/272-274,264,109,188;198/608,624;492/7,16,20,53,54,56-59.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 14:27
S1	1284	271/272.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 16:23
S2	302	S1 and ((rubber or elastic\$4 or deform\$5) with roll\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 09:05
S3	302	S1 and (material with roll\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 16:24
S4	156	S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 16:25
S5	448	S2 S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 16:25
S6	186	S5 and diameter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 16:25
S7	267	S5 and (diameter radius ((size thick\$4) with roll\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 16:33
S8	185	S2 and (diameter radius ((size thick\$4) with roll\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 11:30
S9	14	("2952201"   "3788638"   "4188025"   "4699366"   "4717938"   "4772007"   "5404154"   "5540427"   "5725319"   "5734404"   "5961234"   "6032945"   "6193232").PN. OR ("6719286"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/04 16:49
S10	7	("4188025"   "4302002"   "4438918").PN. OR ("6032945"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/04 17:02

## EAST Search History

S11	7	("4767114"   "4780746"   "5029842"   "5201424"   "5209466").PN. OR ("5927709").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/04 17:20
S12	19	("2199270"   "2988356"   "3502197"   "3516656"   "3618934"   "3622059"   "4316606").PN. OR ("4640409").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 10:22
S13	29	("1830120"   "2192414"   "2863175"   "2887316"   "3138338"   "3438100").PN. OR ("3622059").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 11:08
S14	1	"5920923".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 11:09
S15	2963	492/7,16,20,57,58,59,53,54,56.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 11:30
S16	1700	S15 and (diameter radius ((size thick\$4) with roll\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 11:30
S17	985	S16 and ((rubber or elastic\$4 or deform\$5) with roll\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 11:33
S18	474	S17 and (velocity speed) and (paper sheet web plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 11:34
S19	13	("4242954"   "4390599"   "4576845"   "5023985"   "5176940"   "5233921"   "5240666"   "5308370"   "5393290"   "5746124"   "5887517"   "6039840"   "6244171").PN. OR ("6668711").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 12:13
S20	27	(US-20020113364-\$ or US-20040012143-\$ or US-20020165075-\$ or US-20050263958-\$ or US-20050161877-\$ or US-20060071421-\$ or US-20040251618-\$ or US-20050119097-\$).did. or (US-6193232-\$ or US-5270778-\$ or US-6719286-\$ or US-6135448-\$ or US-6032945-\$ or US-5915691-\$ or US-5193800-\$ or US-3788638-\$ or US-5725208-\$ or US-4188025-\$ or US-5927709-\$ or US-5201424-\$ or US-5209466-\$ or US-4640409-\$ or US-3622059-\$ or US-6668711-\$ or US-6028148-\$).did. or (JP-05162916-\$ or JP-62275943-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/05/05 12:21
S21	18	S20 and (velocity speed)	US-PGPUB; USPAT; JPO	OR	ON	2006/05/05 12:23
S22	1652	198/608,624.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 09:05

## EAST Search History

S23	95	S22 and ((rubber or elastic\$4 or deform\$5) with roll\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 09:06
S24	290	("1085908"   "1830120"   "2114807"   "2157228"   "2192414"   "2199270"   "2341636"   "2592275"   "2638011"   "2687025"   "2751066"   "2863175"   "2887316"   "2901249"   "2952201"   "2988356"   "3044770"   "3067999"   "3138338"   "3202778"   "3241651"   "3258530"   "3292390"   "3438100"   "3464691"   "3467009"   "3491562"   "3502197"   "3506110"   "3516656"   "3552563"   "3556512"   "3614092"   "3618934"   "3622059"   "3662446"   "3719266"   "3788638"   "3858870"   "3863913"   "3889798"   "3966198"   "3972525"   "3994487"   "4017066"   "4106767"   "4188025"   "4232914"   "4242954"   "4287409"   "4287649"   "4302002"   "4314644"   "4316606"   "4325474"   "4390599"   "4421224"   "4425869"   "4438918"   "4453870"   "4500659"   "4501642"   "4524861"   "4576845"   "4597490"   "4627718"   "4687106"   "4699366"   "4703097"   "4705159"   "4706801"   "4715597"   "4717938"   "4728967"   "4767114"   "4772007"   "4777087"   "4780746"   "4801134"   "4905817"   "4930618"   "4931826"   "5005052"   "5016866"   "5023985"   "5029469"   "5029842"   "5064182"   "5101661"   "5126764"   "5128727"   "5130807"   "5147024"   "5172899"   "5176940"   "5201424"   "5209466"   "5233921"   "5240666"   "5308370"   "5332205"   "5351945"   "5358230"   "5374052"   "5393290"   "5404154"   "5540427"   "5551685"   "5564971"   "5653328"   "5655201"   "5675836"   "5678111"   "5725319"   "5734404"   "5746124"   "5833372"   "5887517"   "5927709"   "5961234"   "6032945"   "6039840"   "6059280"   "6193232"   "6244171").PN. OR ("6286660").PN. OR ("2002/0113364"   "2002/0165075"   "2004/0012143"   "2004/0251618"   "2005/0119097"   "2005/0161877"   "2005/0263958"   "2006/0071421"   "3622059"   "3788638"   "4188025"   "4640409"   "4826383"   "5193800"   "5201424"   "5209466"   "5270778"   "5725208"   "5915691"   "5927709"   "6028148"   "6032945"   "6135448"   "6193232"   "6499586"   "6668711"   "6719286").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/09 09:32
S25	29	(US-20050119097-\$ or US-20020165075-\$ or US-20040012143-\$ or US-20040251618-\$ or US-20050161877-\$ or US-20050263958-\$ or US-20060071421-\$ or US-20020113364-\$).did. or (US-4640409-\$ or US-4188025-\$ or US-5209466-\$ or US-5201424-\$ or US-6135448-\$ or US-3788638-\$ or US-3622059-\$ or US-5725208-\$ or US-5915691-\$ or US-5193800-\$ or US-5927709-\$ or US-6032945-\$ or US-6719286-\$ or US-5270778-\$ or US-6193232-\$ or US-6668711-\$ or US-6028148-\$ or US-6499586-\$ or US-4826383-\$).did. or (JP-05162916-\$ or JP-62275943-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/05/09 09:33
S26	279	S24 not S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 09:33

## EAST Search History

S27	32	(US-20050119097-\$ or US-20020165075-\$ or US-20040012143-\$ or US-20040251618-\$ or US-20050161877-\$ or US-20050263958-\$ or US-20060071421-\$ or US-20020113364-\$).did. or (US-4640409-\$ or US-4188025-\$ or US-5209466-\$ or US-5201424-\$ or US-6135448-\$ or US-3788638-\$ or US-3622059-\$ or US-5725208-\$ or US-5915691-\$ or US-5193800-\$ or US-5927709-\$ or US-6032945-\$ or US-6719286-\$ or US-5270778-\$ or US-6193232-\$ or US-6668711-\$ or US-6028148-\$ or US-6499586-\$ or US-4826383-\$ or US-6314268-\$ or US-4287409-\$ or US-3467009-\$).did. or (JP-05162916-\$ or JP-62275943-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/05/09 09:43
S28	3	S27 not S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 09:43
S29	63	("3072397"   "3527406"   "3562495"   "3629556"   "3836753"   "3964739"   "4034976"   "4326915"   "4571054"   "4591259"   "4627718"   "5144385"   "5270778"   "5548389"   "5572308"   "5749040"   "5787331").PN. OR ("3467009"   "4287409"   "6314268").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/09 09:43
S30	58	S29 not S28 not S27 not S26 not S25 not S24 not S23	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/09 10:44
S31	34	(US-20050119097-\$ or US-20020165075-\$ or US-20040012143-\$ or US-20040251618-\$ or US-20050161877-\$ or US-20050263958-\$ or US-20060071421-\$ or US-20020113364-\$).did. or (US-4640409-\$ or US-4188025-\$ or US-5209466-\$ or US-5201424-\$ or US-6135448-\$ or US-3788638-\$ or US-3622059-\$ or US-5725208-\$ or US-5915691-\$ or US-5193800-\$ or US-5927709-\$ or US-6032945-\$ or US-6719286-\$ or US-5270778-\$ or US-6193232-\$ or US-6668711-\$ or US-6028148-\$ or US-6499586-\$ or US-4826383-\$ or US-6314268-\$ or US-4287409-\$ or US-3467009-\$ or US-6374734-\$ or US-5553541-\$).did. or (JP-05162916-\$ or JP-62275943-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/05/09 09:46
S32	2	S31 not S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 09:46
S33	94	("1537439"   "1659371"   "1691336"   "1804139"   "2036835"   "2054620"   "2193899"   "2315729"   "2949851"   "2975708"   "3002451"   "3146709"   "3152387"   "3467009"   "3568286"   "3622412"   "3652376"   "3673023"   "3674023"   "3700541"   "3730794"   "3742849"   "3750250"   "3802952"   "3859701"   "3887750"   "4025685"   "4028786"   "4030415"   "4042743"   "4086386"   "4093764"   "4119032"   "4144812"   "4144813"   "4219595"   "4303721"   "4378622"   "4458591"   "4537129"   "4548858"   "4635550"   "4728522"   "4728552"   "4770928"   "4812357"   "4823693"   "4913048"   "5009158"   "5165341"   "5205213"   "5316798"   "5352507"   "RE34970").PN. OR ("5553541"   "6374734").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/09 10:43
S34	90	S33 not S32 not S31 not S30 not S29 not S28 not S27 not S26 not S25 not S24 not S23	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/09 10:44

## EAST Search History

S35	29	"492".clas. and JIS-A	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 14:53
S36	1	10/825620.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 14:53
S37	1	10/825620.app.	US-PGPUB; USPAT	OR	ON	2007/02/16 12:46
S38	226	"271".clas. and "gear ratio"	US-PGPUB; USPAT	OR	ON	2007/02/16 12:47
S39	2	"271".clas. and "gear ratio" and "roller speed"	US-PGPUB; USPAT	OR	ON	2007/02/16 12:48
S40	81	"271".clas. and "gear ratio" with roller	US-PGPUB; USPAT	OR	ON	2007/02/16 12:48
S41	1302	271/272.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 13:59
S42	3003	492/7,16,20,57,58,59,53,54,56.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 13:59
S43	1663	198/608,624.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 13:59

# INTERFERENCE

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	(roller elastic (diameter or radius) (velocity or speed) range gear).cm.	US-PGPUB	AND	ON	2007/07/06 14:51